

03040201-080

(Cedar Creek)

General Description

Watershed 03040201-080 is located in Chesterfield and Darlington Counties and consists primarily of **Cedar Creek** and its tributaries. The watershed occupies 44,504 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Alpin-Candor-Troup series. The erodibility of the soil (K) averages 0.10; the slope of the terrain averages 6%, with a range of 2-15%. Land use/land cover in the watershed includes: 66.8% forested land, 21.3% agricultural land, 6.8% forested wetland (swamp), 4.7% scrub/shrub land, and 0.4% water.

The Cedar Creek Watershed lies within the Sand Hills State Forest and accepts drainage from Little Cedar Creek (Pool Branch), Harris Creek, Coker Pond, and Spot Mill Creek. There are a few recreational ponds (totaling 139.1 acres) and a total of 88.2 stream miles in this watershed, all classified FW. The Cedar Creek Watershed drains into the Pee Dee River.

Water Quality

| <u>Station #</u> | <u>Type</u> | <u>Class</u> | <u>Description</u> |
|------------------|-------------|--------------|-----------------------|
| PD-675 | BIO | FW | CEDAR CREEK AT SR 171 |
| PD-151 | W | FW | CEDAR CREEK AT US 52 |

Cedar Creek - There are two monitoring sites along Cedar Creek. At the upstream site (**PD-675**), aquatic life uses are fully supported based on macroinvertebrate community data. At the downstream site (**PD-151**), aquatic life and recreational uses are fully supported. This is a blackwater system, characterized by naturally low pH. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations.

Nonpoint Source Management Program

Camp Facilities

| <i>FACILITY NAME/TYPE</i> | <i>PERMIT #</i> |
|---------------------------|-----------------|
| <i>RECEIVING STREAM</i> | <i>STATUS</i> |
| CAMP COKER/RESIDENT | 13-0080 |
| SPOT MILL CREEK | ACTIVE |

Land Disposal Activities

Landfill Facilities

| <i>LANDFILL NAME</i> | <i>PERMIT #</i> |
|------------------------------|-----------------------|
| <i>FACILITY TYPE</i> | <i>STATUS</i> |
| CHESTERFIELD COUNTY LANDFILL | 131001-1601 (DWP-028) |
| MUNICIPAL | CLOSED |

Mining Activities

MINING COMPANY
MINE NAME

PERMIT #
MINERAL

PALMETTO BRICK CO.
WINBURN

0997-25
KAOLIN

Water Supply

WATER USER (TYPE)
STREAM

REGULATED CAPACITY (MGD)
PUMPING CAPACITY (MGD)

GALEY & LORD, INC./SOCIETY HILL PLT. (I)
CEDAR CREEK

8.64

Growth Potential

There is a low potential for growth in this predominately rural watershed, which contains a portion of the Town of Society Hill. Water service is available in Society Hill, but there is no sewer service in the watershed. A portion of the watershed is within the Sand Hills State Forest, and the remainder is primarily agricultural and timberland uses.